Special Issue

AI for Embedded Systems

Message from the Guest Editors

The recent developments in hardware technology have enabled both shallow and deep machine learning algorithms to be hardware implementable on various embedded system frameworks. However, due to their constraints, such as computational capacity or power consumption, to mention a few, their implementation suffers significant drawbacks. The aim of this Special Issue is to encourage researchers to present original and recent developments on shallow and deep machine learning methods that are primarily designed for embedded systems implementation. Topics of interest include, but are not limited to:

- Bio-inspired systems
- Autonomous vehicles
- Autonomous robots
- Precision agriculture
- Health monitoring
- Ambient-assisted living
- Human activity recognition
- Human–machine interaction
- AI in computer networks

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)

Electronics

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).